Listing of Claims

Claims 1-30 are pending in this application. Claims 1 and 16 are herein amended.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1. (currently amended) A control interface for controlling CSTA protocols in a PBX switch, said control interface comprising:

(a) a computing platform coupled to the PBX switch by the control interface for controlling CSTA protocols; and

(b) component based interface objects running on said computing platform and defining properties, methods, and events, said properties, methods and events being mapped to automatically control common paradigms.

Claim 2. (original) A control interface according to claim 1, wherein said common paradigms include invoke ID generation, invoke ID timing, send heartbeat, reply to heartbeat.

Claim 3. (original) A control interface according to claim 1, wherein said paradigms are configurable.

Claim 4. (original) A control interface according to claim 1, wherein said properties, methods and events being mapped to control substantially every event and service of said PBX switch.

Claim 5. (original) A control interface according to claim 1, wherein said component based interface objects is ActiveX.

Claim 6. (original) A control interface according to claim 5, wherein ActiveX properties are mapped to session configuration.

Claim 7. (original) A control interface according to claim 5, wherein ActiveX includes property pages and said property pages are mapped to session configuration.

Claim 8. (original) A control interface according to claim 5, wherein ActiveX methods and events are mapped to startup and teardown a connection to the PBX switch.

Claim 9. (original) A control interface according to claim 1, wherein substantially all CSTA and private data fields are supported.

Claim 10. (original) A control interface according to claim 1, wherein invoke ID generation is automatic and configurable.

Claim 11. (original) A control interface according to claim 1, wherein invoke ID timing is automatic and configurable.

Claim 12. (original) A control interface according to claim 1, wherein: heartbeat messages and replies are automatically generated.

Claim 13. (original) A control interface according to claim 12, wherein said heartbeat messages and replies are configurable.

Claim 14. (original) A control interface according to claim 1, wherein statuses and errors are automatically logged.

Claim 15. (original) A control interface according to claim 14, wherein said statuses and errors are viewable via ActiveX property pages.

Claim 16. (currently amended) A method for controlling CSTA protocols in a PBX switch, said method comprising the steps of:

(a) coupling a computing platform to the PBX switch by a control interface for controlling CSTA protocols; and

(b) running component based interface objects on the computing platform, wherein the component based interface objects define properties, methods, and events, and said properties, methods and events are mapped to automatically control common paradigms.

Claim 17. (original) A method according to claim 16, wherein said common paradigms include invoke ID generation, invoke ID timing, send heartbeat, reply to heartbeat.

Claim 18. (original) A method according to claim 16, wherein said paradigms are configurable.

Claim 19. (original) A method according to claim 16, wherein said properties, methods and events being mapped to control substantially every event and service of said PBX switch.

Claim 20. (original) A method according to claim 16, wherein said component based interface objects is ActiveX.

Claim 21. (original) A method according to claim 20, wherein ActiveX properties are mapped to session configuration.

Claim 22. (original) A method according to claim 20, wherein ActiveX includes property pages and said property pages are mapped to session configuration.

Claim 23. (original) A method according to claim 20, wherein ActiveX methods and events are mapped to startup and teardown a connection to the PBX switch.

Claim 24. (original) A method according to claim 16, wherein substantially all CSTA and private data fields are supported.

Claim 25. (original) A method according to claim 16, wherein invoke ID generation is automatic and configurable.

Claim 26. (original) A method according to claim 16, wherein invoke ID timing is automatic and configurable.

Claim 27. (original) A method according to claim 16, wherein heartbeat messages and replies are automatically generated.

Claim 28. (original) A method according to claim 16, wherein said heartbeat messages and replies are configurable.

Claim 29. (original) A method according to claim 16, wherein statuses and errors are automatically logged.

Claim 30. (original) A method according to claim 29, wherein said statuses and errors are viewable via ActiveX property pages.